Summer Semester in 2020
Welcome to Braude College

Braude College strives for excellence in teaching and research in the fields of engineering and the sciences. We achieve this by empowering the individual and establishing strong ties with industry, academia, and the community.

Braude College plays an important role in the development and prosperity of the Galilee and its communities, and attracts a diverse range of students, many of whom choose to live and work in the region following graduation. The college increases accessibility to higher education in engineering and the sciences for inhabitants of the region. At Braude College, a firm dedication to high academic standards ensures the quality of our graduates, providing them with the education and skills they need to meet their personal and professional goals in the fields of engineering most highly in demand today.

At Braude College, we cultivate independent learning to prepare students for their futures as engineers in a fast-changing technological world. We invest substantial resources in training, improved teaching methods, and student support systems, to create an environment that is both nurturing and challenging.

Prof. Arie Maharshak
President
<table>
<thead>
<tr>
<th>Continent:</th>
<th>Asia</th>
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</thead>
<tbody>
<tr>
<td>Region:</td>
<td>Western Asia</td>
</tr>
<tr>
<td></td>
<td>Middle East</td>
</tr>
<tr>
<td>Size:</td>
<td>22,000 km²</td>
</tr>
<tr>
<td>Neighboring Countries:</td>
<td>Lebanon, Syria, Jordan, Palestinian Authority, Egypt</td>
</tr>
<tr>
<td>Geography:</td>
<td>Coastal plain</td>
</tr>
<tr>
<td>Language:</td>
<td>English</td>
</tr>
<tr>
<td>Religions:</td>
<td>16.8% Muslim</td>
</tr>
<tr>
<td>Population:</td>
<td>8,500,000</td>
</tr>
<tr>
<td>Climate:</td>
<td>cool and mild winters (6°C-15°C)</td>
</tr>
<tr>
<td>Natural Resources:</td>
<td>timber, potash, copper ore, natural gas, phosphate rock, magnesium bromide, clays, sand</td>
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<tr>
<td>Agriculture:</td>
<td>citrus, vegetables, cotton, beef, poultry, dairy products</td>
</tr>
</tbody>
</table>
Industry: electronics, wood and paper products, potash and phosphates, food, beverages, and tobacco, caustic soda, cement, construction, metals products, chemical products, plastics, diamond cutting, textiles, footwear

Monetary Unit: Shekel

Yearly Rainfall: 60 cm (average) mostly in winter

Plant Life: Vines, Fig, Olive, Citrus trees, Banana, Avocado, Palm, Oak, Broom, Numerous Wildflowers

Animal Life: Jackal, Hyena, Wild boar, Gazelle, Fox, Deer

Bird Life: Buzzard, Pelican, Starling, Vultures

Average Life Expectancy: 81.28

Capital City: Jerusalem

791,000

International country code: IL +972
KARMIEL, ORT Braude
City, in the heart of the Galilee District

Travel Advice:
- Do not enter
- Reconsider your need to travel
Galilee

Braude College is perched on a hill in the city of Karmiel, which divides the upper and lower Galilee. The Galilee is a mountainous region in the north of Israel, characterized by rocky hills, green fields and colorful wildflowers. Its relatively abundant water and fertile soil have made for thriving wildlife and thousands of years of human settlement.

The Galilee houses a tapestry of ethnic communities. Alongside Jewish cities and towns, there are Arab, Druze, and Circassian villages.

A hub of tourism, the Galilee offers antiquities, parks, nature reserves, and religious sites. The Galilee is also a center of arts and culture, and of industry. Numerous high-tech companies are located here, having drawn some of Israel’s finest scientists to the region. The natural beauty, historical and archeological sites, cultural diversity, and innovative industries make the Galilee a fascinating region, with something to interest almost all visitors.
Braude College of Engineering in Karmiel

Braude College, based in the city of Karmiel, is a leading engineering institution in northern Israel. Established in 1987, the beautifully landscaped college has about 3,000 undergraduate and graduate students.

An academic, technological and scientific center in the Galilee, Braude College helps develop local high-tech industries.

Braude College offers B.Sc. degrees in biotechnology engineering, electrical and electronic engineering, industrial engineering and management, information systems engineering, mechanical engineering, software engineering, applied mathematics and optical engineering. The college confers M.Sc. degrees in biotechnology, software engineering, industrial engineering and systems engineering.

At Braude College, each student is valued, and receives personal attention from faculty and staff. Students also benefit from the college’s connection with top-ranking industries.
### Braude College

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</thead>
<tbody>
<tr>
<td>Mechatronics</td>
<td>Computers</td>
<td>Algorithms</td>
<td>Food</td>
<td>Management and Services</td>
<td>Science and Technology</td>
<td>Information Systems</td>
<td>Management</td>
</tr>
<tr>
<td>Polymers</td>
<td>Signal Processing Communication</td>
<td>Signals and Communication</td>
<td>Bio-Molecular</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Bio-Mechanics</td>
<td>Devices &amp; Systems</td>
<td>Software Engineering</td>
<td>Environmental</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design and Manufacturing</td>
<td></td>
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</tr>
</tbody>
</table>
Braude College Map

- **A**: Student Dormitory
- **B**: Dean of Students
- **C**: Staff dormitories
- **D**: Mechanical and Biotechnology Engineering
- **M**: Software and Industrial & Management Engineering
- **EM**: Electrical and Electronic Engineering and Mathematics
- **L**: Classrooms
- **P**: Optical Engineering
Summer Semester at
BRAUDE COLLEGE

The summer semester comprises 10-12 weeks, from May to September. Students benefit from an expert faculty, strong support network, and personal attention. The projects related to leading Israeli companies which program participants are required to complete, expose students to real-world engineering challenges and valuable professional contacts. Some projects are more research oriented. Braude College combines theory with practical laboratory experience and exposure to local high tech industries.

Students will enjoy an extensive series of stimulating academic field trips and extra-curricular activities, designed to enable students to experience Israeli society and culture first-hand.
Beyond the Classroom

Housing
Braude’s dormitories are modern, spacious, comfortable and equipped with a kitchen. Study abroad students live alongside Israeli students. The cafeterias offer reasonably priced meals throughout the day.

Health Insurance
Braude College purchases health insurance coverage for students who participate in the Study Abroad Program.

Security
The safety and security of the students is taken very seriously. All students receive a comprehensive security orientation upon their arrival. Guards and security teams are on duty around the clock. All student activities, on and off campus, meet the strictest security requirements.

Learning Facilities
On campus learning facilities are spacious and comfortable and equipped with today’s most advanced technology. Computerized libraries, up-to-date laboratories and computer labs are available, and WiFi access is widely available.

Sports
Braude’s modern sports facilities include a gym that features aerobic and weight-training machines, as well as tennis, basketball, volleyball courts, and a near-by swimming pool. Use of the sport facilities is free.
FOOD on and off the campus

During the academic program in Israel, students will be staying in the dormitories, sharing living space with fellow students. Every dormitory unit has a kitchen, which is equipped with a refrigerator, a hot plate for cooking, and other kitchen accessories.

During week days there are several food services available for students on campus – vegetarian and meat based. On Saturdays, the food services are closed.

For the students' convenience, we have provided the following price list of common food products that you may want to buy while living in the dormitories. As you might expect, the prices vary somewhat from store to store, and the lowest prices can be typically found in outdoor markets. Prices in supermarkets may be higher. The table below lists price ranges of typical products.

Eating habits are personal, and every student manages their food consumption individually. However, from experience, we have noticed that students who used the kitchen in the dormitory unit during the study abroad program for cooking, spent between 220-280 USD per month for food.

The information here is presented to help students to budget their financial resources during the study abroad program in Israel. Students who are planning to travel in Israel during the program, should consult with internet sites and experienced travelers in Israel, to gauge the cost of travelling in Israel.

<table>
<thead>
<tr>
<th>Products:</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk (3% fat), (1 liter)</td>
<td>1.2-1.7</td>
</tr>
<tr>
<td>Loaf of Fresh Bread (500g)</td>
<td>1.1-1.9</td>
</tr>
<tr>
<td>Rice (white), (1kg)</td>
<td>1.7-2.3</td>
</tr>
<tr>
<td>Eggs (regular) (12)</td>
<td>3.0-3.7</td>
</tr>
<tr>
<td>Local Cheese (1kg)</td>
<td>6.2-9.9</td>
</tr>
<tr>
<td>Chicken Breasts (1kg)</td>
<td>5.5-8.8</td>
</tr>
<tr>
<td>Beef Round (1kg)</td>
<td>10.5-16.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Products:</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples (1kg)</td>
<td>1.5-2.6</td>
</tr>
<tr>
<td>Bananas (1kg)</td>
<td>1.2-1.8</td>
</tr>
<tr>
<td>Oranges (1kg)</td>
<td>0.8-1.5</td>
</tr>
<tr>
<td>Tomatoes (1kg)</td>
<td>0.7-1.4</td>
</tr>
<tr>
<td>Potatoes (1kg)</td>
<td>0.4-0.9</td>
</tr>
<tr>
<td>Onions (1kg)</td>
<td>0.5-0.8</td>
</tr>
<tr>
<td>Lettuce (1 head)</td>
<td>0.8-1.4</td>
</tr>
</tbody>
</table>
How to get to Braude College?

Enter Israel
The best way to get to Israel is by air. The international airport of Israel is Ben-Gurion airport.

Bus Service
Detailed information on travel times and service frequencies on various bus lines can be obtained from the Transport Lines in Israel Portal.

Train Service:
Information regarding the timetable and routes is available through Israel Railways information:
Tel.: *5770 or 03-5774000
as well as on the Israel Railways website.

Israel Railways operates a "Park and Ride" service, which enables its passengers to park their vehicle at Ben Gurion Airport at a special rate of nis 15 per day. The service is limited to one day only. Users of the "Park and Ride" service may use the Short-Term Parking only. To exit the car park without payment, keep the train ticket and the parking card issued upon entering the car park.

Payment for parking is made at the automatic pay machines located in the car park.
Summer Semester
5.03.2020 – 25.06.2020

Application

Please send by email the following documents to liats@braude.ac.il:

1. An application letter for the Summer Internship program at ORT Braude College
2. Updated C.V. of the candidate
3. A copy of the candidate’s most recent Transcript (an Official document form the student’s University)
4. Proposed project and laboratory for the summer internship

Cost:

Housing + study trips 2,840 USD paid at bursar office at Braude College

- Health insurance coverage is included
- City Bus pass is included
- No tuition fees for Engineering courses
International Relations Office:
Braude College
Snunit Street 51
Karmiel, 21982

For administrative information regarding the engineering program contact:

Ms. Liat Shmueli
International Relations Office
Braude College
liats@braude.ac.il
Phone: 972 4 9901894
Mobile: 972 54 305 3188

Dr. Samuel Gazit
International Relations Office, Director
Braude College
sgazit@braude.ac.il
Phone: 972 4 9901943
Mobile: 972 50 404 1357